

"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
LESTER F. LUDWIG)
) Group No: UNKNOWN
SERIAL NO.: UNKNOWN)
) Examiner: UNKNOWN
FILED: March 22, 2004)
)
FOR: FREELY ROTATING TRACKBALL)
PROVIDING ADDITIONAL CONTROL)
PARAMETER MODALITIES)

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

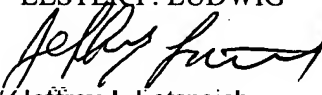
Applicant hereby cites the documents listed in accompanying Form PTO/SB/08A with respect to the above-referenced patent application under the provisions of 37 CFR, §§ 1.56, 1.97 and 1.98. Documents C1-C5 listed on this Form are all the non-patent references of record in parent application No. 10/779,368. Applicant is not submitting duplicate copies of documents C1-C5, but requests that they be listed on the face of any patent granted on the above application (See 1138 TMOG 39, second column, last paragraph, last sentence). Since the above-referenced patent application is being filed after June 30, 2003, Applicant is not submitting copies of the cited U.S. patent documents.

The filing of this Information Disclosure Statement will not be construed to mean that a search was conducted or that no other material information, as defined by 37 CFR 1.56, exists.

The Examiner is respectfully requested to make the listed documents of record in connection with the prosecution of the subjection application.

Respectfully submitted,

LESTER F. LUDWIG

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	
Filing Date	March 22, 2004
First Named Inventor	Lester F. Ludwig
Group Art Unit	
Examiner Name	
Attorney Docket Number	2738-36

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US-4,988,981	01-29-1991	Zimmerman et al.	
	A2	US-6,239,803	05-29-2001	Driskell	
	A3	US-5,670,990	09-23-1997	Bidville	
	A4	US-6,489,948 B1	12-03-2002	Lau	
	A5	US-6,587,091 B2	07-01-2003	Serpa	
	A6	US-6,525,713 B1	02-25-2003	Soeta et al.	
	A7	US-6,646,632 B2	11-11-2003	Wegmuller	
	A8	US-5,852,442	12-22-1998	Morito	
	A9	US-3,974,493	08-10-1976	De Cavaignac et al.	
	A10	US-6,424,335	07-23-2002	Kim et al.	
	A11	US-6,205,021	03-20-2001	Klein et al.	
	A12	US-5,049,863	09-17-1991	Oka	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Application Number	
Filing Date	March 22, 2004
First Named Inventor	Lester F. Ludwig
Group Art Unit	
Examiner Name	
Attorney Docket Number	2738-36

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	ENGLISH, WILLIAM K., ENGELBART, DOUGLAS C. AND BERMAN, MELVYN L., "Display-Selection Techniques for Text Manipulation, IEEE Transactions on Human Factors in Electronics, pg. 5-15, vol. HFE-8, No. 1, March 1967.	
	C2	"Intuos2," Wacom Technology, Corp., Vancouver, Washington	
	C3	"Logitech MX 310 Optical Mouse," Logitech, Inc., Fremont, California	
	C4	"Synaptics Targets Vision, Sound processing," Symantec, Springfield, Oregon	
	C5	"The Spaceball 3D Controller," 3Dconnection, pg. 1-2,	

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